

**ELECTRICAL:** All electrical work required to meet the requirements of Part P (Electrical Safety) and must be designed, installed, inspected and tested by an electrician registered under an Approved Competent Persons Scheme. Prior to completion the Council should be satisfied that Part P has been complied with. This may require an appropriate BS 7671 electrical installation certificate to be issued for the work by a person competent to do so. All switches and socket outlets to be positioned between 450mm and 1200mm from FFL.

**LIGHTING:** All new internal light fittings to be dedicated energy efficient compact fluorescent lamps. Wet rooms are to have suitable IP rated fittings. Emergency lighting to be added to suit new layouts.

**SMOKE/HEAT DETECTION:** Detectors are to be mains powered inter-linked detectors to BS 5446 and BS:5839 Part 6 complete with battery back up, fixed to ceilings at a minimum 300mm from any wall or light fitting.

**VENTILATION:**  
Intermittent Extract:  
Wetrooms to be fitted with mechanical extract ventilators capable of achieving minimum extract rates listed below:  
Kitchen = 30 l/s (adjacent hob) or 60 l/s elsewhere  
WC/shower = 15 l/s with 15 minute overrun timer

**MECHANICAL:** Heating and hot water system is to be confirmed, to be designed by specialist and details submitted to inspecting authority for approval.



- Double switched socket outlet with USB outlet centrally
- Double switched socket outlet
- Single switched socket outlet with low level socket below worktop
- CCTV camera
- Data/telephone point
- Smoke detector
- Heat detector
- Carbon Monoxide detector
- Distribution board
- Wall mounted extractor fan with humidistat control and associated power supply and isolator switch
- Ceiling mounted extractor fan with humidistat control and associated power supply and isolator switch
- Balanced flue boiler (vented through wall) with associated power supply. Final location to be agreed
- Light switch
- PIR sensor for internal light
- IP rated light fitting for wet room
- LED light fitting
- LED emergency light fitting
- External light fitting PIR controlled
- Low surface temperature radiator (size is diagrammatic)
- Thermostat
- Emergency exit signage
- Fire alarm call point
- Fire alarm (audio and visual) sounder
- Alarm reset switch set at 900 mm above floor
- Alarm pull cord
- Audio visual alarm

- GENERAL NOTES**
1. Dimensions are in millimetres (unless stated otherwise) and are to block or stud faces.
  2. Drawings are not to be scaled, use figured dimensions only.
  3. Notify the Architect of any discrepancies within the drawing and contact for clarification before proceeding.
  4. All proprietary items to be fitted strictly in accordance with manufacturers instructions.
  5. All works to be carried out in accordance with latest related British Standards and relevant codes of practice.

Rev	Date	Revision Description
Project Title		
WIVENHOE TOWN COUNCIL OFFICE REMODEL & EXTENSION		Scale 1 : 50 @ A2
Drawing Title		Project Ref. 3550
GROUND FLOOR M&E		Drawing Ref. TI-41
Date Drawn		OCTOBER 2022
Drawn By		IJ
Checked By		





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TENDER ISSUE